



SCAFFOLD-ORGANIZED CLUSTERS 07/06/04 1505-67959

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hutchison et al.

Application No. 10/783,515

Filed: February 19, 2004

Confirmation No. 7577

For: SCAFFOLD-ORGANIZED CLUSTERS
AND ELECTRONIC DEVICES MADE
USING SUCH CLUSTERS

Examiner:

Art Unit: 2813

Attorney Reference No. 1505-67959

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney
for Applicants

Date Mailed

[Signature]
JULY 7, 2004

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Since the present application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55). Applicants will provide copies of such patents upon request.

Applicants are filing this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

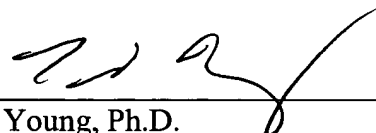
However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

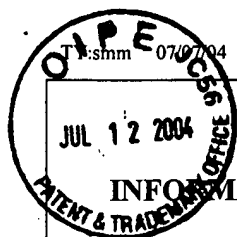
Respectfully submitted,

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1505-67959

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Attorney Docket Number	1505-67959
Application Number	10/783,515
Filing Date	February 19, 2004
First Named Inventor	Wybourne
Art Unit	
Examiner Name	

U.S. PATENT DOCUMENTS

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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,156,810	10.20.1992	Ribi
		6,730,537	5.4.2004	Hutchison <i>et al.</i>
		US-2002-0146742-A1	10.10.2002	Wybourne <i>et al.</i>

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		WIPO	WO 94/03496	2.17.1994	Chatelier <i>et al.</i>

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
		Abstract of poster entitled: "Synthesis of subnanometer water-soluble thiol-stabilized nanoparticles by ligand exchange reactions." Gerd Woehrle, Marvin Warner, and James Hutchison, published on the Web circa June 14, 2001 .
		Bartlett, P.A., <i>et al.</i> , "Synthesis of Water-Soluble Undecagold Cluster Compounds of Potential Importance in Electron Microscopic and Other Studies of Biological Systems," <i>J. Am. Chem. Soc.</i> , Vol. 100, pp. 5085-5089 (1978).
		Mao, C., <i>et al.</i> , "Designed Two-Dimensional DNA Holliday Junction Arrays Visualized by Atomic Force Microscopy," <i>J. Am. Chem. Soc.</i> , Vol. 121, p. 5437-5443 (1999).
		Storhoff, J.J. <i>et al.</i> , "Programmed Materials Synthesis with DNA," <i>Chem. Rev.</i> , Vol. 99, pp. 1849-1862 (1999).
		Winfrey, E., <i>et al.</i> , "Design and Self-Assembly of Two-Dimensional DNA Crystals," <i>Nature</i> , Vol. 394, pp. 539-544 (1998).
		Woehrle, G., <i>et al.</i> , "Ligand Exchange Reactions Yield Subnanometer, Thiol-Stabilized Gold Particles with Defined Optical Transitions," <i>J. Phys. Chem. B</i> , Vol. 106, pp. 9979-9981 (2002).
		International Search Report for International Application No. PCT/US03/20500, <i>International Searching Authority</i> , December 11, 2003.

EXAMINER
SIGNATURE:DATE
CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.